

Design Change Notification

Date: July 12, 2017

Document #: DCN- 110 Transmitter Change on Trifecta® Gas Supply System

Subject: Effective July 14, 2017 all models of the Trifecta gas supply systems will be changing transmitters from the current Honeywell Pressure and Differential Pressure Transmitters to Rosemount Transmitters.

Background: Chart Inc. has made the decision to change from Honeywell transmitters on the Trifecta product line back to Rosemount. Chart will continue to stock both the Honeywell pressure transmitter and differential pressure transmitter at Chart Parts for a direct replacement with what is currently in the field. The WIKA pressure transmitter used for the bulk tank pressure will not change.

Products Affected: All Trifecta System Models

Description: In order to make the change from Honeywell to Rosemount in the field, several modifications need to be made. Chart has set up special kit numbers to accommodate changing Honeywell transmitters to Rosemount. To change out a Honeywell pressure transmitter to a Rosemount pressure transducer, no changes are necessary (see photo 1). The pressure transmitters are interchangeable (see table 1 for pressure transmitter part numbers). To change out a Honeywell differential pressure transmitter to a Rosemount DP transmitter, order the DP kit called out on line 1 of Table 2. To change out both Honeywell transmitters to Rosemount transmitters for both the 500 psig and 600 psig Trifecta systems, see transmitter sub assembly kit numbers called out on lines 2 & 3 of Table 2.

TABLE 1

Honeywell P/N	Description	Rosemount*	Description
20638638	Transmitter Diff Press 0-40" HW	13963691**	Diff Press Calibrated 0-40" RSMT
20638651	Transmitter Press 0-500 PSIG HW	12894574	Transmitter Press 0-500 PSIG
20638655	Transmitter Press 0-600 PSIG HW	20547373	Transmitter Press 0-600 PSIG

TABLE 2

Part Number	Description	Comments
21176647	Kit Trifecta Diff Transmitter	See Photo 2
14359410S	Transmitter S/A RSMNT 500 PSI	See Photo 3
20549616S	Transmitter S/A RSMNT 600 PSI	See Photo 3

*Older Rosemount model 2024 DP transmitters cannot be used as a substitute for Honeywell transmitters. This model is obsolete.

**0-250 inch Rosemount 2051 DP transmitter is spanned to 0-40 inches. Off the shelf transmitter will not work.



**Honeywell
DP Transmitter**

**Rosemount
Pressure
Transmitter**

PHOTO 1



**Rosemount DP
Transmitter**

New bracket

**Honeywell
Pressure
Transmitter**

PHOTO 2

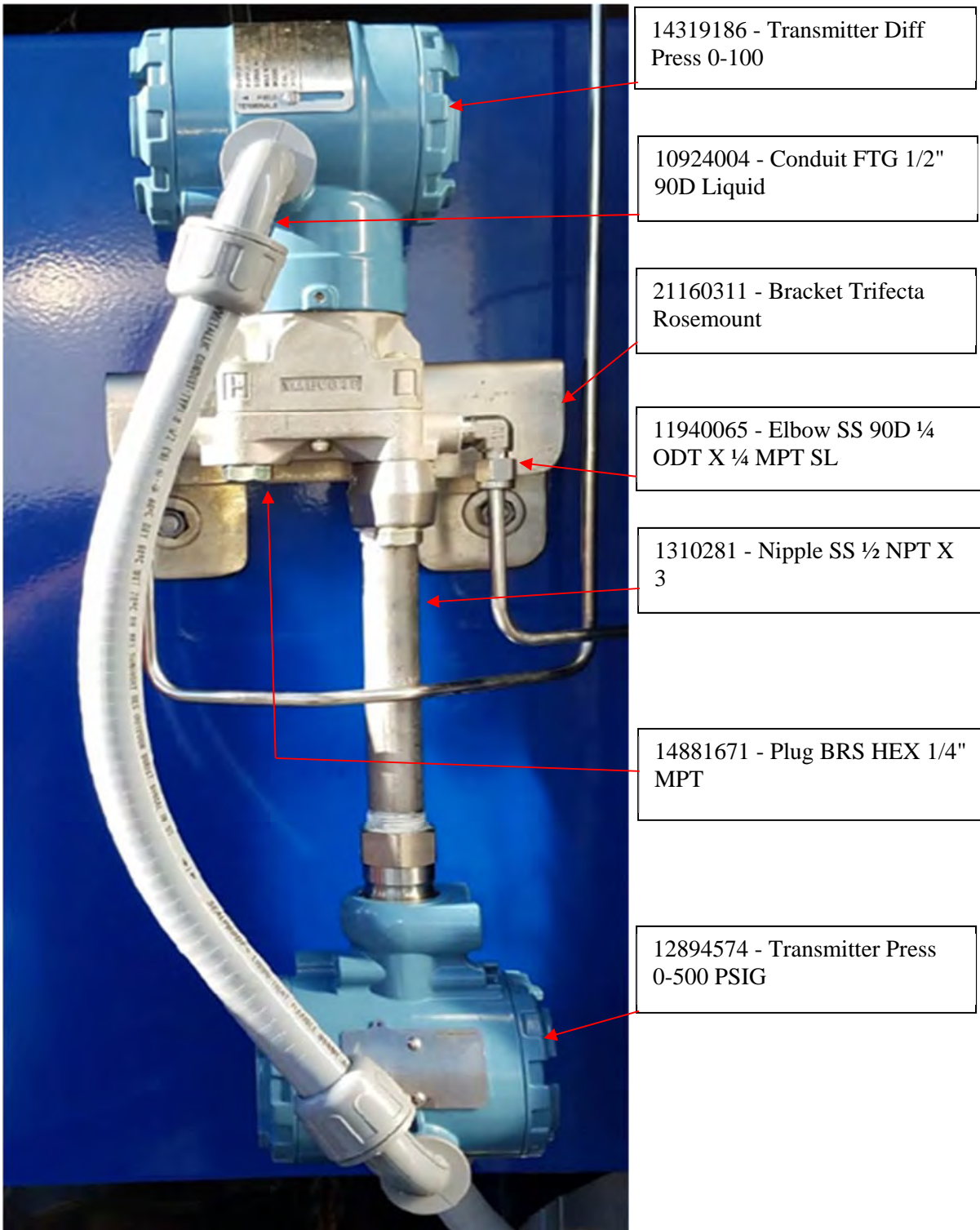


PHOTO 3

Contact: If you have questions or concerns relative to this action, please contact your Chart Customer Service Representative at (800) 400-4683. Thank you for depending on Chart to provide high product quality and service.